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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/500,421	06/25/2004	Hsuan-Ming Shih	LPTF01	5301
23900	7590	10/18/2006	EXAMINER	
J C PATENTS, INC. 4 VENTURE, SUITE 250 IRVINE, CA 92618			PEYTON, TAMMARA R	
			ART UNIT	PAPER NUMBER
			2182	

DATE MAILED: 10/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/500,421	SHIH, HSUAN-MING	
	Examiner	Art Unit	
	Tammara R. Peyton	2182	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 23-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 23-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 23-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over WO 01/39102.

As per claims 23, 26, WO 01/39102 teaches portable data converting and processing device with (1) standard data interface (9), comprising a standard data interface connector and a data processing controller, characterized in that said connector are integrated with said data processor to form a body unit (11), an electric interface is set in the body unit to connect to an external unit; said data processor is a connector-controller, a conversion-controller or the combination of them; said external unit is an external processor or a data storage device (7); said data storage device is a non-losable storage device. It would have been obvious to one of ordinary skill at the time the invention was made that the smart card (7) includes an external processor and data storage device. (Abstract, pgs. 1-8, Figs. 1-4)

As per claim 24, WO 01/39102 teaches the portable data converting and processing device with standard data interface according to claim 23, characterized in that an electric interface matched for the connection with the body unit is set at

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one end of said separate conversion-controller, and an electric interface matched for the connection with the external unit is set at the other end.

As per claims 25, 27-32, WO 01/39102 teaches the portable data converting and processing device with standard data interface according to claim 23, characterized in that said conversion-controller can be a CF card processor, a MMC card processor, a SD card processor, a SMC card processor, an IBM Micro Drive processor, a USB processor, a RF processor, an IC identification processor or a multi-functional processor formed by the combination of above cards; said external processor can be a CF card processor, a MMC card processor, a SD card processor, a SMC card processor, an IBM Micro Drive processor, a USB processor, a RF processor, an IC identification processor or a multi-functional processor formed by the combination of above cards; said standard data interface connector can be USB connector, CF card connector, MMC card connector, SD card connector, SMC card connector, IBM Micro Drive connector, RS-232, COM port, IEEE1394 or PS/2.

Claims 23-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cheng et al., (US 7,039,759).

As per claims 23-32, Cheng teaches portable data converting and processing device with (10) standard data interface (1), comprising a standard data interface connector and a data processing controller, characterized in that said connector are integrated with said data processor to form a body unit (Fig.1), an electric interface is set in the body unit to connect to an external unit; said data processor is a connector-controller, a conversion-controller or the combination of them; said external unit (connected to additional USB port, 8 – rear lid) is an external processor or a data storage device; said data storage device is a non-losable storage device. It would have been obvious to one of ordinary skill at the time the invention was made that Cheng

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teaches wherein another USB portable device similar to portable device (10) or other types of USB devices can be externally connected to portable device (10) and one of ordinary skill would readily recognize that another USB portable device would include an external processor and data storage device. (Abstract, col. 2, lines 33-col. 4, lines 1-59)

Claims 23-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Drabczuk et al., (US 7,011,247).

As per claims 23, 26, Drabczuk teaches portable data converting and processing device with (5) standard data interface (51), comprising a standard data interface connector and a data processing controller, characterized in that said connector are integrated with said data processor to form a body unit (Fig. 3), an electric interface is set in the body unit to connect to an external unit; said data processor is a connector-controller, a conversion-controller or the combination of them; said external unit is an external processor or a data storage device (3); said data storage device is a non-losable storage device. It would have been obvious to one of ordinary skill at the time the invention was made that the smart card (3) includes an external processor (33) and data storage device. (Abstract, col.3 ,lines 60 – col. 12, lines 1-50)

As per claim 24, Drabczuk teaches the portable data converting and processing device with standard data interface according to claim 23, characterized in that an electric interface matched for the connection with the body unit is set at one end of said separate conversion-controller, and an electric interface matched for the connection with the external unit is set at the other end.

As per claims 25, 27-32, Drabczuk teaches the portable data converting and processing device with standard data interface according to claim 23, characterized in that said conversion-controller can be a CF card processor, a

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MMC card processor, a SD card processor, a SMC card processor, an IBM Micro Drive processor, a USB processor, a RF processor, an IC identification processor or a multi-functional processor formed by the combination of above cards; said external processor can be a CF card processor, a MMC card processor, a SD card processor, a SMC card processor, an IBM Micro Drive processor, a USB processor, a RF processor, an IC identification processor or a multi-functional processor formed by the combination of above cards; said standard data interface connector can be USB connector, CF card connector, MMC card connector, SD card connector, SMC card connector, IBM Micro Drive connector, RS-232, COM port, IEEE1394 or PS/2.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tammara Peyton whose telephone number is (571) 272-4157. The examiner can normally be reached between 6:30 - 4:00 from Monday to Thursday, (I am off every first Friday), and 6:30-3:00 every second Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Huynh can be reached on (571) 272-4083. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300. Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (571) 272-2100.

Mailed responses to this action should be sent to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231.

Faxes for Official/formal (After Final) communications or for informal or draft communications (please label "PROPOSED" or "DRAFT") sent to:

(571) 273-8300

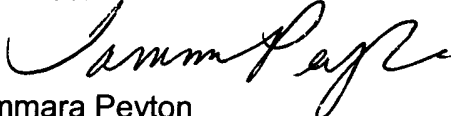
Hand-delivered responses should be brought to:

USTPO, Randolph Building, Customer Service Window

401 Dulany Street

Alexandria, VA 22314.

TAMMARA PEYTON
PRIMARY EXAMINER

A handwritten signature in black ink, appearing to read 'Tammara Peyton', written over the printed name and title.

Tammara Peyton

October 14, 2006